Philip Jönsson
CV

Personal data

Philip Jönsson
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Work experience

2013	Polypeptide Laboratories	Office work
2012	Solid State Physics LTH	Project worker
2012	Polypeptide Laboratories	Office work
2008	Lomma-Bjärred's tennis club	Summer internship

Eduacation

2009-2015 Master of Science in Engineering, Engineering Nanoscience at LTH
Specializing in Nano and High Frequency Electronics

Other merits

2012-2013 Musikalliansen Alte Kamereren: Treasurer

Languages

Swedish – Native language
English – In speech and writing

Computer knowledge

Word
Excel
PowerPoint
Java
MATLAB and Simulink
HTML och CSS
Java-script
Python
Cadence

Personal Letter

After reading your ad, I became very interested in the job as an embedded software engineer. I recently finished my education in Engineering Nanoscience focusing on high-frequency electronics. The education program began with giving me an overview of the various branches of the engineering profession, i.e. biology, physics, chemistry, mathematics, electronics. I then decided to focus on electronics and acquired knowledge of both hardware, both for analog and digital circuits, and software.

I think I would fit for this job because I have good work ethics and like tasks that challenge me. I find it easy to learn and are eager to learn new things.

In the spring of 2012, I had a course called Project Nano-engineer where I and some fellow students had a project where we would explore opportunities to improve the thermoelectric effect in a material by mixing nanowires in an electrically conductive polymer. Our tutor was so pleased with our work that we had the opportunity to continue during the summer. During this project I learned a lot about how to work in a project group and how the project process might look like.

As my master thesis I investigated how different parameters affect the accelerator that will be used in the particle accelerator ESS in Lund. In this project, I put up a model in MATLAB to simulate how the accelerator works. I also explored new methods to obtain more accurate data. During this project I learned how to set up models of real systems and even how to go about finding new methods to use.

On my spare time I play the clarinet, and at the moment I am playing with the Home Guard Band of Eslöv, with whom I travelled to Canada this summer to participate in the Royal Nova Scotia International Tattoo. I have previously played with the student orchestra Alte Kamereren, where I was a part of the board as treasurer the academic year of 2012/2013.

Best Regards
Philip Jönsson